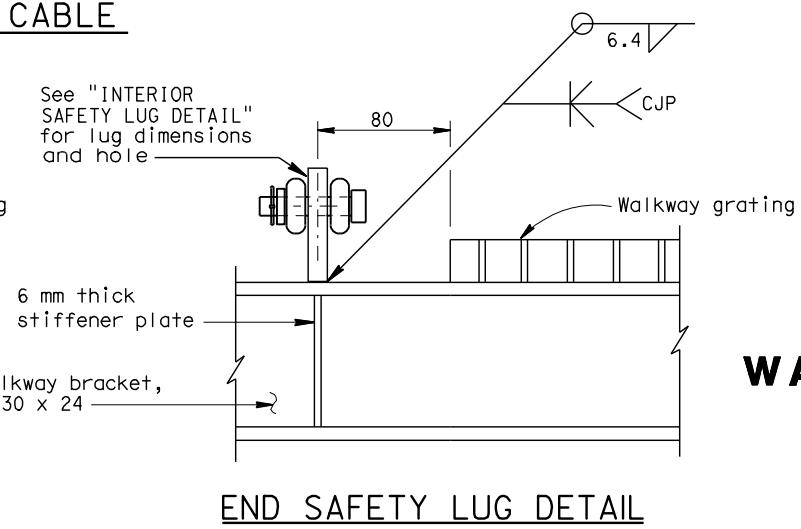
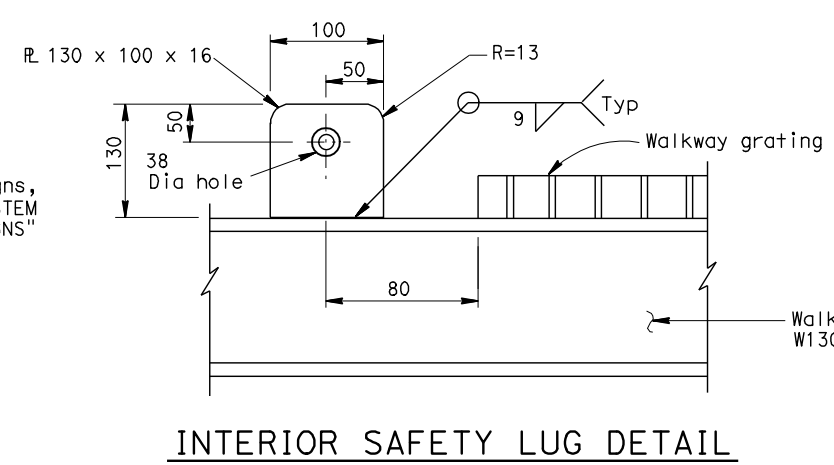
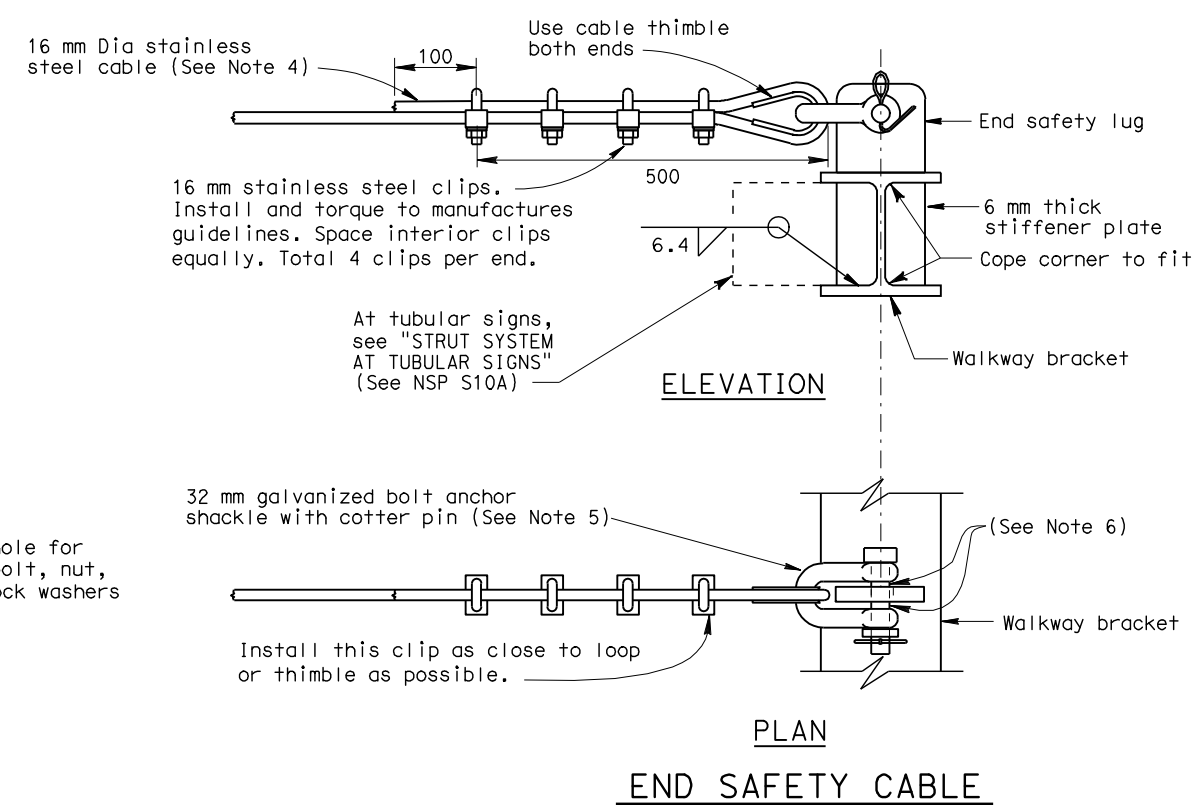
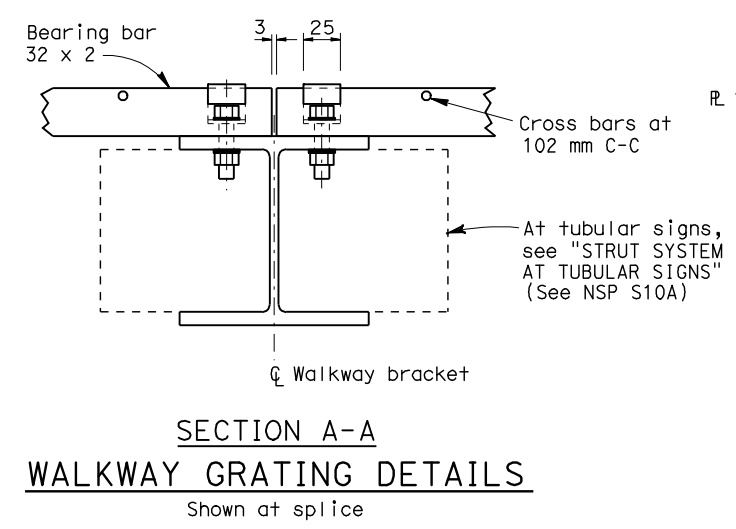
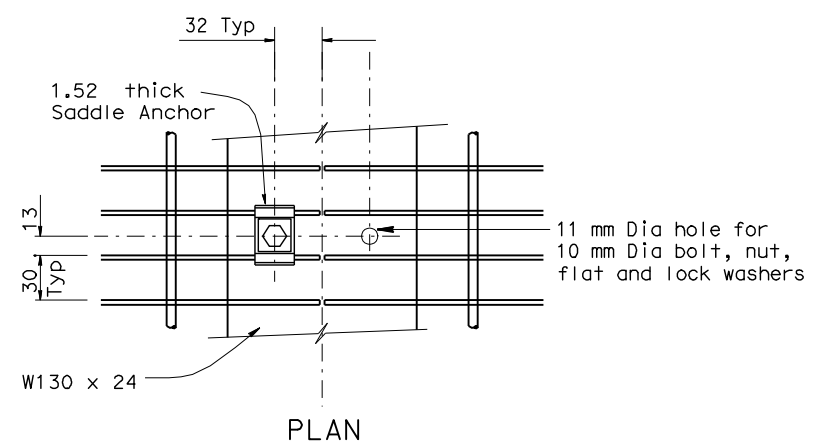


TYPICAL CONNECTION CONNECTION AT SPLICE
LIGHTING FIXTURE MOUNTING CHANNEL DETAILS 2

LIGHTING FIXTURE MOUNTING CHANNEL DETAILS 1



NOTES

1. Welded type grating shall have 32 x 3 bearing bars at 30 mm centers with 6 mm diameter (or equal) cross bars at 102 mm centers. If mechanical lock grating is used, it shall be equal in strength to the welded type. Alternate hold-down clips may be submitted for approval.
2. Walkway grating and light fixture mounting channels to be continuous (no splices) over as many walkway brackets as practical and consistent with fabrication, ease of handling and assembly.
3. Contractor may substitute 41 x 41 x 2.753 cont-slot steel channel with pre-punched slots not larger than 10 mm x 77 mm. Slots shall be at bottom of channel and shall be parallel to channel. Slots shall be spaced not closer than 100 mm center to center.
4. Stainless steel cable shall be plain with 6 x 19 IWRC construction using Type 302 or 304 stainless steel strands. Minimum cable breaking strength shall exceed 155 kN. Cable shall be free of kinks, knots, or deformation and shall be continuous between end lugs. Splices not allowed.
5. Shackle shall be galvanized steel with working load limit of 107 kN.
6. Place an equal amount of washers on each side to align cable with end lug without restricting shackle bolt rotation or contacting cable.
7. Cable shall be installed with a deflection not to exceed 25 mm, measure from taut position, when pulled with an upwards force of 0.13 kN at midpoint between any two walkway brackets.



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

December 30, 2004

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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To accompany plans dated _____

REGISTERED PROFESSIONAL ENGINEER

Tillat Sattar

No. C42892

Exp. 3-31-06

CIVIL

STATE OF CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGNS
WALKWAY DETAILS No.2**

NO SCALE
ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN